

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

**LTE Band 38**

**1 RF Power Output**

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2572.5                  | 37775      | 5  | 1       | 0         | 22.75                 |
| QPSK       | 2572.5                  | 37775      | 5  | 1       | 12        | 23.03                 |
| QPSK       | 2572.5                  | 37775      | 5  | 1       | 24        | 22.73                 |
| QPSK       | 2572.5                  | 37775      | 5  | 12      | 0         | 21.84                 |
| QPSK       | 2572.5                  | 37775      | 5  | 12      | 7         | 21.91                 |
| QPSK       | 2572.5                  | 37775      | 5  | 12      | 13        | 21.83                 |
| QPSK       | 2572.5                  | 37775      | 5  | 25      | 0         | 21.84                 |
| QPSK       | 2595                    | 38000      | 5  | 1       | 0         | 22.94                 |
| QPSK       | 2595                    | 38000      | 5  | 1       | 12        | 23.21                 |
| QPSK       | 2595                    | 38000      | 5  | 1       | 24        | 22.93                 |
| QPSK       | 2595                    | 38000      | 5  | 12      | 0         | 22.01                 |
| QPSK       | 2595                    | 38000      | 5  | 12      | 7         | 22.03                 |
| QPSK       | 2595                    | 38000      | 5  | 12      | 13        | 21.95                 |
| QPSK       | 2595                    | 38000      | 5  | 25      | 0         | 21.99                 |
| QPSK       | 2617.5                  | 38225      | 5  | 1       | 0         | 23.41                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2572.5                  | 37775      | 5  | 1       | 0         | 22.15                 |
| 16QAM      | 2572.5                  | 37775      | 5  | 1       | 12        | 22.41                 |
| 16QAM      | 2572.5                  | 37775      | 5  | 1       | 24        | 22.14                 |
| 16QAM      | 2572.5                  | 37775      | 5  | 12      | 0         | 20.83                 |
| 16QAM      | 2572.5                  | 37775      | 5  | 12      | 7         | 21.02                 |
| 16QAM      | 2572.5                  | 37775      | 5  | 12      | 13        | 21.00                 |
| 16QAM      | 2572.5                  | 37775      | 5  | 25      | 0         | 20.90                 |
| 16QAM      | 2595                    | 38000      | 5  | 1       | 0         | 22.33                 |
| 16QAM      | 2595                    | 38000      | 5  | 1       | 12        | 22.59                 |
| 16QAM      | 2595                    | 38000      | 5  | 1       | 24        | 22.38                 |
| 16QAM      | 2595                    | 38000      | 5  | 12      | 0         | 21.05                 |
| 16QAM      | 2595                    | 38000      | 5  | 12      | 7         | 21.10                 |
| 16QAM      | 2595                    | 38000      | 5  | 12      | 13        | 20.99                 |
| 16QAM      | 2595                    | 38000      | 5  | 25      | 0         | 21.05                 |
| 16QAM      | 2617.5                  | 38225      | 5  | 1       | 0         | 22.88                 |
| 16QAM      | 2617.5                  | 38225      | 5  | 1       | 12        | 22.31                 |
| 64QAM      | 2572.5                  | 37775      | 5  | 1       | 0         | 21.12                 |
| 64QAM      | 2572.5                  | 37775      | 5  | 1       | 12        | 21.32                 |
| 64QAM      | 2572.5                  | 37775      | 5  | 1       | 24        | 21.12                 |
| 64QAM      | 2572.5                  | 37775      | 5  | 12      | 0         | 19.75                 |
| 64QAM      | 2572.5                  | 37775      | 5  | 12      | 7         | 19.85                 |
| 64QAM      | 2572.5                  | 37775      | 5  | 12      | 13        | 19.79                 |
| 64QAM      | 2572.5                  | 37775      | 5  | 25      | 0         | 19.92                 |
| 64QAM      | 2595                    | 38000      | 5  | 1       | 0         | 21.31                 |
| 64QAM      | 2595                    | 38000      | 5  | 1       | 12        | 21.57                 |
| 64QAM      | 2595                    | 38000      | 5  | 1       | 24        | 21.26                 |
| 64QAM      | 2595                    | 38000      | 5  | 12      | 0         | 20.00                 |
| 64QAM      | 2595                    | 38000      | 5  | 12      | 7         | 20.02                 |
| 64QAM      | 2595                    | 38000      | 5  | 12      | 13        | 19.97                 |
| 64QAM      | 2595                    | 38000      | 5  | 25      | 0         | 19.98                 |
| 64QAM      | 2617.5                  | 38225      | 5  | 1       | 0         | 21.84                 |
| 64QAM      | 2617.5                  | 38225      | 5  | 1       | 12        | 21.31                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2575                    | 37800      | 10 | 1       | 0         | 22.87                 |
| QPSK       | 2575                    | 37800      | 10 | 1       | 25        | 23.16                 |
| QPSK       | 2575                    | 37800      | 10 | 1       | 49        | 22.95                 |
| QPSK       | 2575                    | 37800      | 10 | 25      | 0         | 21.94                 |
| QPSK       | 2575                    | 37800      | 10 | 25      | 12        | 21.91                 |
| QPSK       | 2575                    | 37800      | 10 | 25      | 25        | 21.93                 |
| QPSK       | 2575                    | 37800      | 10 | 50      | 0         | 21.94                 |
| QPSK       | 2595                    | 38000      | 10 | 1       | 0         | 22.98                 |
| QPSK       | 2595                    | 38000      | 10 | 1       | 25        | 23.21                 |
| QPSK       | 2595                    | 38000      | 10 | 1       | 49        | 22.96                 |
| QPSK       | 2595                    | 38000      | 10 | 25      | 0         | 22.06                 |
| QPSK       | 2595                    | 38000      | 10 | 25      | 12        | 22.08                 |
| QPSK       | 2595                    | 38000      | 10 | 25      | 25        | 21.95                 |
| QPSK       | 2595                    | 38000      | 10 | 50      | 0         | 22.01                 |
| QPSK       | 2615                    | 38200      | 10 | 1       | 0         | 22.67                 |
| QPSK       | 2615                    | 38200      | 10 | 1       | 25        | 22.93                 |
| QPSK       | 2615                    | 38200      | 10 | 1       | 49        | 22.75                 |
| QPSK       | 2615                    | 38200      | 10 | 25      | 0         | 21.88                 |
| QPSK       | 2615                    | 38200      | 10 | 25      | 12        | 21.82                 |
| QPSK       | 2615                    | 38200      | 10 | 25      | 25        | 21.84                 |
| QPSK       | 2615                    | 38200      | 10 | 50      | 0         | 21.84                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2575                    | 37800      | 10 | 1       | 0         | 22.00                 |
| 16QAM      | 2575                    | 37800      | 10 | 1       | 25        | 22.24                 |
| 16QAM      | 2575                    | 37800      | 10 | 1       | 49        | 22.06                 |
| 16QAM      | 2575                    | 37800      | 10 | 25      | 0         | 20.94                 |
| 16QAM      | 2575                    | 37800      | 10 | 25      | 12        | 20.91                 |
| 16QAM      | 2575                    | 37800      | 10 | 25      | 25        | 20.96                 |
| 16QAM      | 2575                    | 37800      | 10 | 50      | 0         | 20.95                 |
| 16QAM      | 2595                    | 38000      | 10 | 1       | 0         | 22.20                 |
| 16QAM      | 2595                    | 38000      | 10 | 1       | 25        | 22.40                 |
| 16QAM      | 2595                    | 38000      | 10 | 1       | 49        | 22.13                 |
| 16QAM      | 2595                    | 38000      | 10 | 25      | 0         | 21.10                 |
| 16QAM      | 2595                    | 38000      | 10 | 25      | 12        | 21.07                 |
| 16QAM      | 2595                    | 38000      | 10 | 25      | 25        | 21.03                 |
| 16QAM      | 2595                    | 38000      | 10 | 50      | 0         | 21.05                 |
| 16QAM      | 2615                    | 38200      | 10 | 1       | 0         | 22.10                 |
| 16QAM      | 2615                    | 38200      | 10 | 1       | 25        | 22.35                 |
| 16QAM      | 2615                    | 38200      | 10 | 1       | 49        | 22.18                 |
| 16QAM      | 2615                    | 38200      | 10 | 25      | 0         | 20.86                 |
| 16QAM      | 2615                    | 38200      | 10 | 25      | 12        | 20.84                 |
| 16QAM      | 2615                    | 38200      | 10 | 25      | 25        | 20.85                 |
| 16QAM      | 2615                    | 38200      | 10 | 50      | 0         | 20.93                 |
| 64QAM      | 2575                    | 37800      | 10 | 1       | 0         | 20.51                 |
| 64QAM      | 2575                    | 37800      | 10 | 1       | 25        | 20.74                 |
| 64QAM      | 2575                    | 37800      | 10 | 1       | 49        | 20.53                 |
| 64QAM      | 2575                    | 37800      | 10 | 25      | 0         | 19.87                 |
| 64QAM      | 2575                    | 37800      | 10 | 25      | 12        | 19.85                 |
| 64QAM      | 2575                    | 37800      | 10 | 25      | 25        | 19.85                 |
| 64QAM      | 2575                    | 37800      | 10 | 50      | 0         | 19.88                 |
| 64QAM      | 2595                    | 38000      | 10 | 1       | 0         | 21.51                 |
| 64QAM      | 2595                    | 38000      | 10 | 1       | 25        | 21.67                 |
| 64QAM      | 2595                    | 38000      | 10 | 1       | 49        | 21.46                 |
| 64QAM      | 2595                    | 38000      | 10 | 25      | 0         | 20.07                 |
| 64QAM      | 2595                    | 38000      | 10 | 25      | 12        | 20.03                 |
| 64QAM      | 2595                    | 38000      | 10 | 25      | 25        | 19.93                 |
| 64QAM      | 2595                    | 38000      | 10 | 50      | 0         | 20.06                 |
| 64QAM      | 2615                    | 38200      | 10 | 1       | 0         | 20.79                 |
| 64QAM      | 2615                    | 38200      | 10 | 1       | 25        | 21.03                 |
| 64QAM      | 2615                    | 38200      | 10 | 1       | 49        | 20.82                 |
| 64QAM      | 2615                    | 38200      | 10 | 25      | 0         | 19.80                 |
| 64QAM      | 2615                    | 38200      | 10 | 25      | 12        | 19.80                 |
| 64QAM      | 2615                    | 38200      | 10 | 25      | 25        | 19.83                 |
| 64QAM      | 2615                    | 38200      | 10 | 50      | 0         | 19.85                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2577.5                  | 37825      | 15 | 1       | 0         | 22.82                 |
| QPSK       | 2577.5                  | 37825      | 15 | 1       | 37        | 23.19                 |
| QPSK       | 2577.5                  | 37825      | 15 | 1       | 74        | 22.84                 |
| QPSK       | 2577.5                  | 37825      | 15 | 36      | 0         | 21.93                 |
| QPSK       | 2577.5                  | 37825      | 15 | 36      | 29        | 22.01                 |
| QPSK       | 2577.5                  | 37825      | 15 | 36      | 30        | 22.03                 |
| QPSK       | 2577.5                  | 37825      | 15 | 75      | 0         | 22.02                 |
| QPSK       | 2595                    | 38000      | 15 | 1       | 0         | 22.86                 |
| QPSK       | 2612.5                  | 38175      | 15 | 1       | 0         | 22.86                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2577.5                  | 37825      | 15 | 1       | 0         | 22.04                 |
| 16QAM      | 2577.5                  | 37825      | 15 | 1       | 37        | 22.39                 |
| 16QAM      | 2577.5                  | 37825      | 15 | 1       | 74        | 22.03                 |
| 16QAM      | 2577.5                  | 37825      | 15 | 36      | 0         | 20.91                 |
| 16QAM      | 2577.5                  | 37825      | 15 | 36      | 29        | 20.96                 |
| 16QAM      | 2577.5                  | 37825      | 15 | 36      | 30        | 21.01                 |
| 16QAM      | 2577.5                  | 37825      | 15 | 75      | 0         | 20.93                 |
| 16QAM      | 2595                    | 38000      | 15 | 1       | 0         | 22.21                 |
| 16QAM      | 2612.5                  | 38175      | 15 | 1       | 0         | 22.05                 |
| 16QAM      | 2612.5                  | 38175      | 15 | 1       | 37        | 22.12                 |
| 64QAM      | 2577.5                  | 37825      | 15 | 1       | 0         | 21.25                 |
| 64QAM      | 2577.5                  | 37825      | 15 | 1       | 37        | 21.63                 |
| 64QAM      | 2577.5                  | 37825      | 15 | 1       | 74        | 21.33                 |
| 64QAM      | 2577.5                  | 37825      | 15 | 36      | 0         | 19.88                 |
| 64QAM      | 2577.5                  | 37825      | 15 | 36      | 29        | 19.91                 |
| 64QAM      | 2577.5                  | 37825      | 15 | 36      | 30        | 19.94                 |
| 64QAM      | 2577.5                  | 37825      | 15 | 75      | 0         | 19.93                 |
| 64QAM      | 2595                    | 38000      | 15 | 1       | 0         | 20.97                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2580                    | 37850      | 20 | 1       | 0         | 22.68                 |
| QPSK       | 2580                    | 37850      | 20 | 1       | 49        | 23.15                 |
| QPSK       | 2580                    | 37850      | 20 | 1       | 99        | 22.79                 |
| QPSK       | 2580                    | 37850      | 20 | 50      | 0         | 21.98                 |
| QPSK       | 2580                    | 37850      | 20 | 50      | 24        | 22.03                 |
| QPSK       | 2580                    | 37850      | 20 | 50      | 50        | 22.07                 |
| QPSK       | 2580                    | 37850      | 20 | 100     | 0         | 22.08                 |
| QPSK       | 2595                    | 38000      | 20 | 1       | 0         | 22.87                 |
| QPSK       | 2595                    | 38000      | 20 | 1       | 49        | 23.25                 |
| QPSK       | 2595                    | 38000      | 20 | 1       | 99        | 22.69                 |
| QPSK       | 2595                    | 38000      | 20 | 50      | 0         | 22.13                 |
| QPSK       | 2595                    | 38000      | 20 | 50      | 24        | 22.13                 |
| QPSK       | 2595                    | 38000      | 20 | 50      | 50        | 21.99                 |
| QPSK       | 2595                    | 38000      | 20 | 100     | 0         | 22.08                 |
| QPSK       | 2610                    | 38150      | 20 | 1       | 0         | 22.70                 |
| QPSK       | 2610                    | 38150      | 20 | 1       | 49        | 23.05                 |
| QPSK       | 2610                    | 38150      | 20 | 1       | 99        | 22.62                 |
| QPSK       | 2610                    | 38150      | 20 | 50      | 0         | 22.03                 |
| QPSK       | 2610                    | 38150      | 20 | 50      | 24        | 22.05                 |
| QPSK       | 2610                    | 38150      | 20 | 50      | 50        | 21.96                 |
| QPSK       | 2610                    | 38150      | 20 | 100     | 0         | 22.03                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2580                    | 37850      | 20 | 1       | 0         | 21.97                 |
| 16QAM      | 2580                    | 37850      | 20 | 1       | 49        | 22.38                 |
| 16QAM      | 2580                    | 37850      | 20 | 1       | 99        | 22.08                 |
| 16QAM      | 2580                    | 37850      | 20 | 50      | 0         | 20.95                 |
| 16QAM      | 2580                    | 37850      | 20 | 50      | 24        | 21.04                 |
| 16QAM      | 2580                    | 37850      | 20 | 50      | 50        | 21.10                 |
| 16QAM      | 2580                    | 37850      | 20 | 100     | 0         | 21.00                 |
| 16QAM      | 2595                    | 38000      | 20 | 1       | 0         | 22.19                 |
| 16QAM      | 2595                    | 38000      | 20 | 1       | 49        | 22.55                 |
| 16QAM      | 2595                    | 38000      | 20 | 1       | 99        | 22.05                 |
| 16QAM      | 2595                    | 38000      | 20 | 50      | 0         | 21.10                 |
| 16QAM      | 2595                    | 38000      | 20 | 50      | 24        | 21.13                 |
| 16QAM      | 2595                    | 38000      | 20 | 50      | 50        | 21.01                 |
| 16QAM      | 2595                    | 38000      | 20 | 100     | 0         | 21.04                 |
| 16QAM      | 2610                    | 38150      | 20 | 1       | 0         | 21.63                 |
| 16QAM      | 2610                    | 38150      | 20 | 1       | 49        | 21.95                 |
| 16QAM      | 2610                    | 38150      | 20 | 1       | 99        | 21.54                 |
| 16QAM      | 2610                    | 38150      | 20 | 50      | 0         | 21.08                 |
| 16QAM      | 2610                    | 38150      | 20 | 50      | 24        | 21.04                 |
| 16QAM      | 2610                    | 38150      | 20 | 50      | 50        | 20.96                 |
| 16QAM      | 2610                    | 38150      | 20 | 100     | 0         | 21.04                 |
| 64QAM      | 2580                    | 37850      | 20 | 1       | 0         | 20.67                 |
| 64QAM      | 2580                    | 37850      | 20 | 1       | 49        | 21.20                 |
| 64QAM      | 2580                    | 37850      | 20 | 1       | 99        | 20.86                 |
| 64QAM      | 2580                    | 37850      | 20 | 50      | 0         | 19.98                 |
| 64QAM      | 2580                    | 37850      | 20 | 50      | 24        | 20.04                 |
| 64QAM      | 2580                    | 37850      | 20 | 50      | 50        | 20.05                 |
| 64QAM      | 2580                    | 37850      | 20 | 100     | 0         | 20.04                 |
| 64QAM      | 2595                    | 38000      | 20 | 1       | 0         | 20.90                 |
| 64QAM      | 2595                    | 38000      | 20 | 1       | 49        | 21.25                 |
| 64QAM      | 2595                    | 38000      | 20 | 1       | 99        | 20.68                 |
| 64QAM      | 2595                    | 38000      | 20 | 50      | 0         | 20.07                 |
| 64QAM      | 2595                    | 38000      | 20 | 50      | 24        | 20.12                 |
| 64QAM      | 2595                    | 38000      | 20 | 50      | 50        | 20.00                 |
| 64QAM      | 2595                    | 38000      | 20 | 100     | 0         | 20.09                 |
| 64QAM      | 2610                    | 38150      | 20 | 1       | 0         | 21.13                 |
| 64QAM      | 2610                    | 38150      | 20 | 1       | 49        | 21.36                 |
| 64QAM      | 2610                    | 38150      | 20 | 1       | 99        | 21.00                 |
| 64QAM      | 2610                    | 38150      | 20 | 50      | 0         | 20.04                 |
| 64QAM      | 2610                    | 38150      | 20 | 50      | 24        | 20.06                 |
| 64QAM      | 2610                    | 38150      | 20 | 50      | 50        | 19.99                 |
| 64QAM      | 2610                    | 38150      | 20 | 100     | 0         | 20.01                 |



## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 38   | QPSK | 2572.5                  | 37775   | 5        | 25      | 0         | 4.452                        | Fig.1  |
| 38   | QPSK | 2595                    | 38000   | 5        | 25      | 0         | 4.440                        | Fig.2  |
| 38   | QPSK | 2617.5                  | 38225   | 5        | 25      | 0         | 4.473                        | Fig.3  |
| 38   | QPSK | 2575                    | 37800   | 10       | 50      | 0         | 8.994                        | Fig.4  |
| 38   | QPSK | 2595                    | 38000   | 10       | 50      | 0         | 8.882                        | Fig.5  |
| 38   | QPSK | 2615                    | 38200   | 10       | 50      | 0         | 7.768                        | Fig.6  |
| 38   | QPSK | 2577.5                  | 37825   | 15       | 75      | 0         | 13.438                       | Fig.7  |
| 38   | QPSK | 2595                    | 38000   | 15       | 75      | 0         | 13.289                       | Fig.8  |
| 38   | QPSK | 2612.5                  | 38175   | 15       | 75      | 0         | 12.965                       | Fig.9  |
| 38   | QPSK | 2580                    | 37850   | 20       | 100     | 0         | 17.844                       | Fig.10 |
| 38   | QPSK | 2595                    | 38000   | 20       | 100     | 0         | 17.844                       | Fig.11 |
| 38   | QPSK | 2610                    | 38150   | 20       | 100     | 0         | 17.898                       | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 38   | 16QAM | 2572.5                  | 37775   | 5        | 25      | 0         | 4.439                        | Fig.13 |
| 38   | 16QAM | 2595                    | 38000   | 5        | 25      | 0         | 4.460                        | Fig.14 |
| 38   | 16QAM | 2617.5                  | 38225   | 5        | 25      | 0         | 4.436                        | Fig.15 |
| 38   | 16QAM | 2575                    | 37800   | 10       | 50      | 0         | 2.887                        | Fig.16 |
| 38   | 16QAM | 2595                    | 38000   | 10       | 50      | 0         | 8.906                        | Fig.17 |
| 38   | 16QAM | 2615                    | 38200   | 10       | 50      | 0         | 8.867                        | Fig.18 |
| 38   | 16QAM | 2577.5                  | 37825   | 15       | 75      | 0         | 11.328                       | Fig.19 |
| 38   | 16QAM | 2595                    | 38000   | 15       | 75      | 0         | 13.362                       | Fig.20 |
| 38   | 16QAM | 2612.5                  | 38175   | 15       | 75      | 0         | 13.443                       | Fig.21 |
| 38   | 16QAM | 2580                    | 37850   | 20       | 100     | 0         | 17.922                       | Fig.22 |
| 38   | 16QAM | 2595                    | 38000   | 20       | 100     | 0         | 17.776                       | Fig.23 |
| 38   | 16QAM | 2610                    | 38150   | 20       | 100     | 0         | 17.831                       | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 38   | 64QAM | 2572.5                  | 37775   | 5        | 25      | 0         | 4.474                        | Fig.25 |
| 38   | 64QAM | 2595                    | 38000   | 5        | 25      | 0         | 4.512                        | Fig.26 |
| 38   | 64QAM | 2617.5                  | 38225   | 5        | 25      | 0         | 4.501                        | Fig.27 |
| 38   | 64QAM | 2575                    | 37800   | 10       | 50      | 0         | 8.891                        | Fig.28 |
| 38   | 64QAM | 2595                    | 38000   | 10       | 50      | 0         | 8.949                        | Fig.29 |
| 38   | 64QAM | 2615                    | 38200   | 10       | 50      | 0         | 8.871                        | Fig.30 |
| 38   | 64QAM | 2577.5                  | 37825   | 15       | 75      | 0         | 13.297                       | Fig.31 |
| 38   | 64QAM | 2595                    | 38000   | 15       | 75      | 0         | 13.320                       | Fig.32 |
| 38   | 64QAM | 2612.5                  | 38175   | 15       | 75      | 0         | 13.228                       | Fig.33 |
| 38   | 64QAM | 2580                    | 37850   | 20       | 100     | 0         | 17.920                       | Fig.34 |
| 38   | 64QAM | 2595                    | 38000   | 20       | 100     | 0         | 17.831                       | Fig.35 |
| 38   | 64QAM | 2610                    | 38150   | 20       | 100     | 0         | 17.912                       | Fig.36 |

Test Mode: QPSK

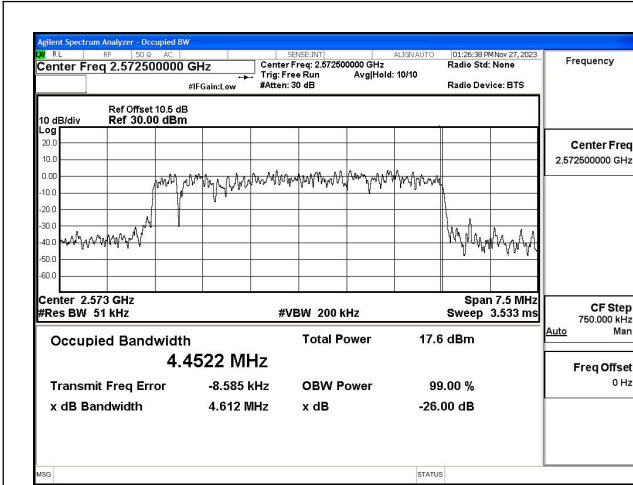


Fig.1

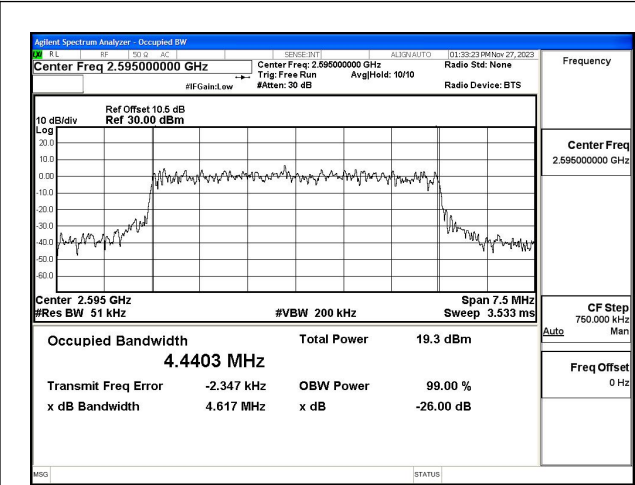


Fig.2

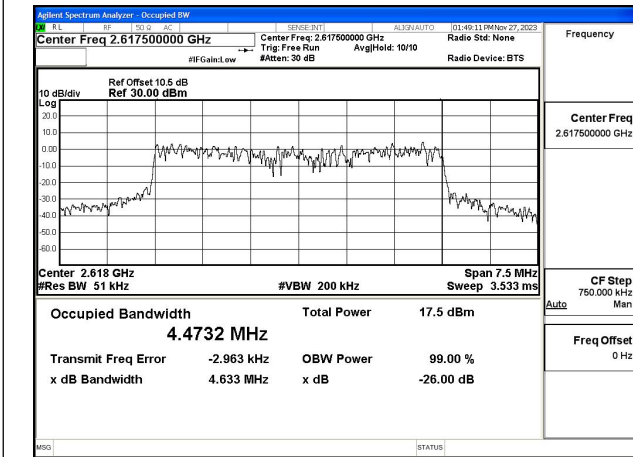


Fig.3

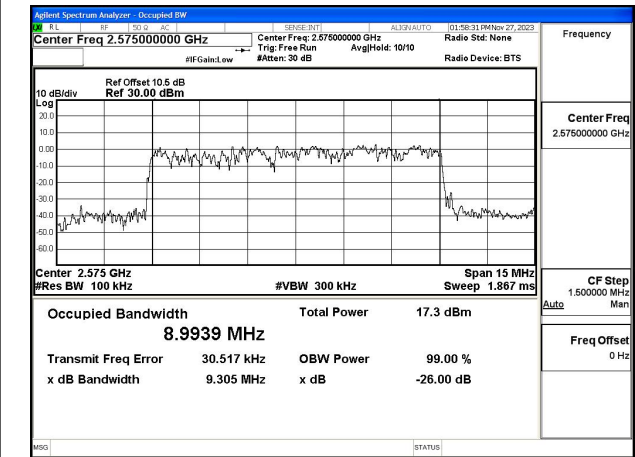


Fig.4

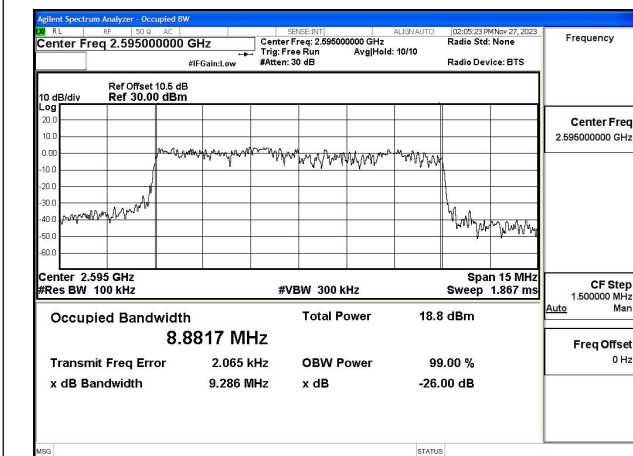


Fig.5

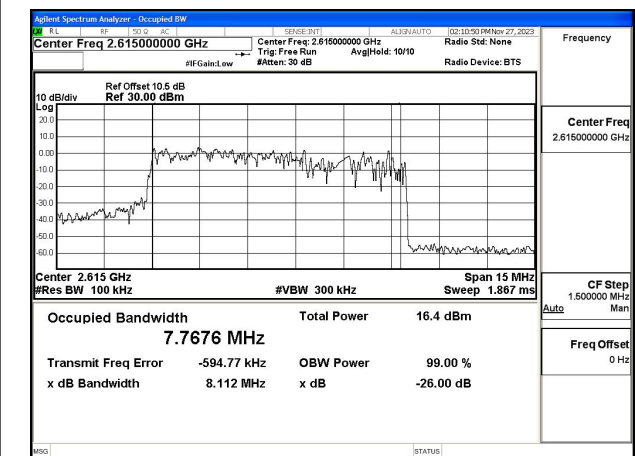


Fig.6

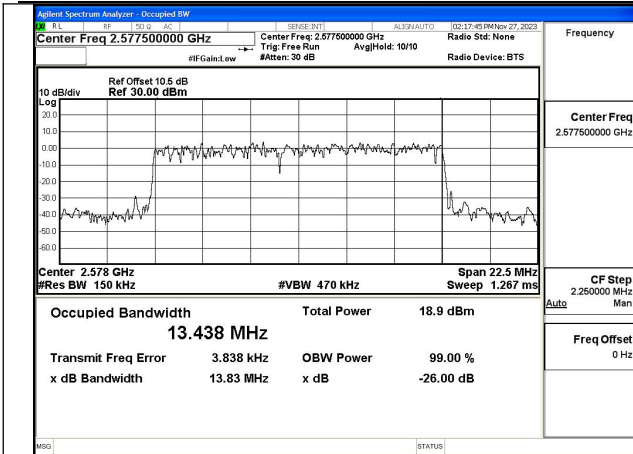


Fig.7

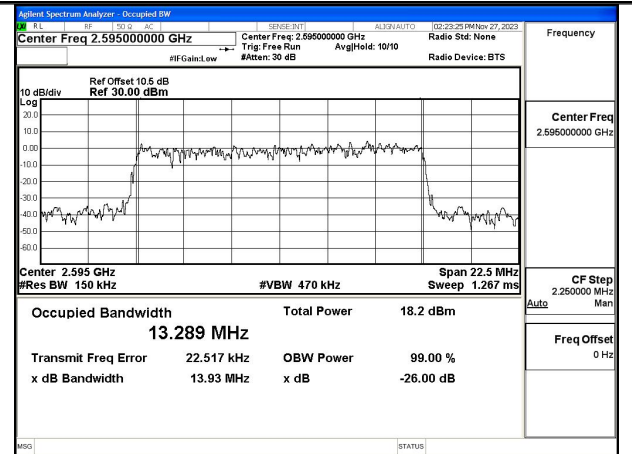


Fig.8

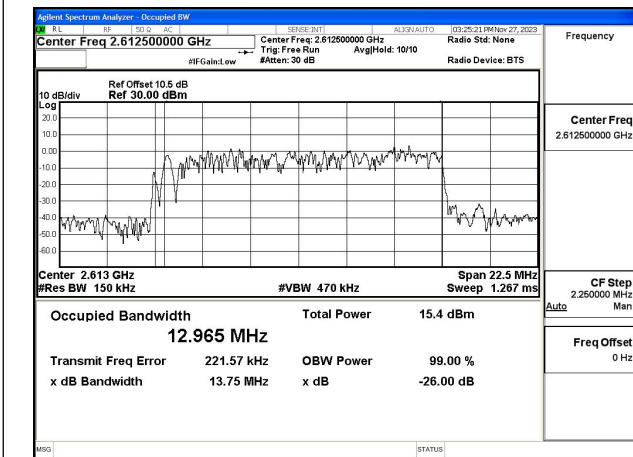


Fig.9

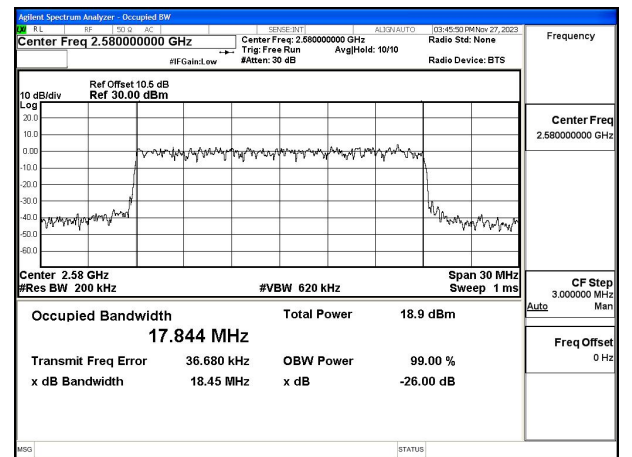


Fig.10

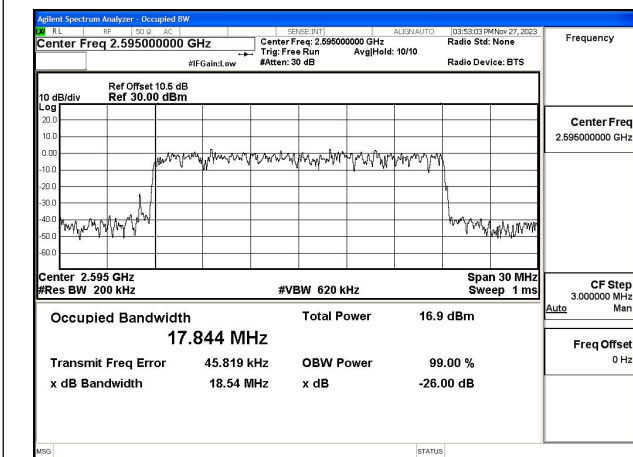


Fig.11

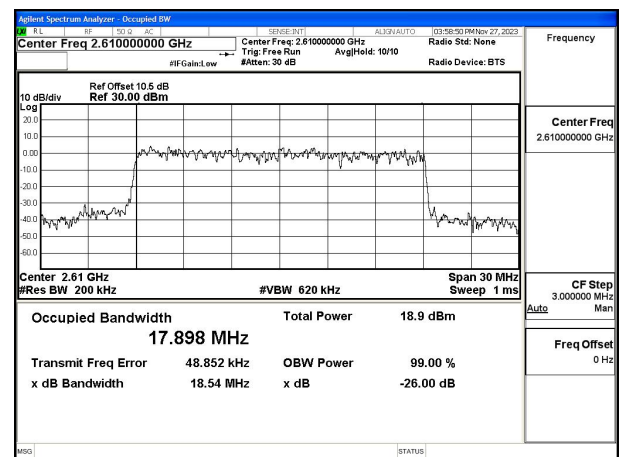


Fig.12

Test Mode: 16QAM

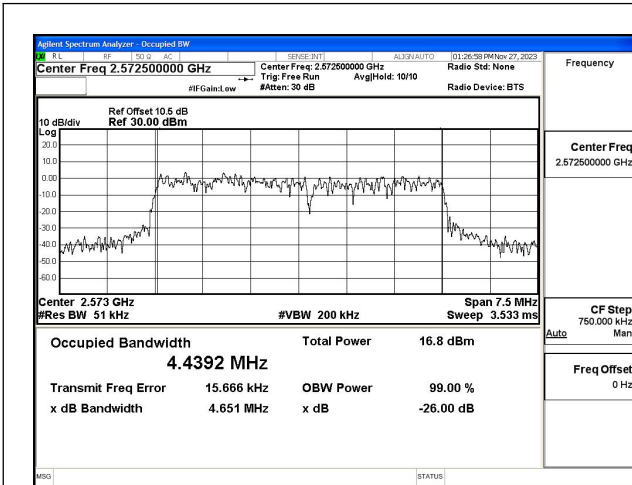


Fig.13

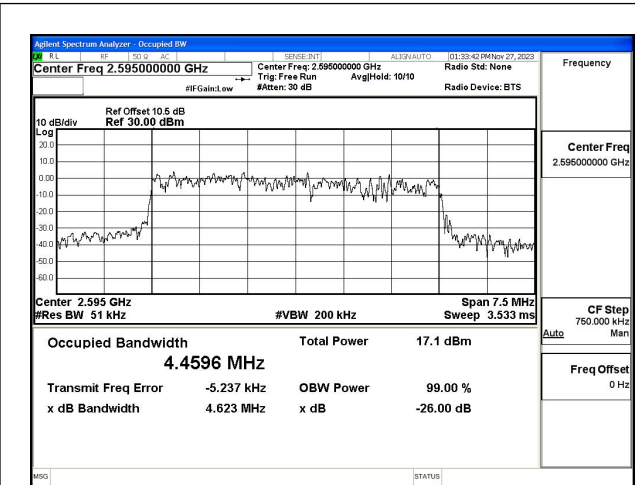


Fig.14

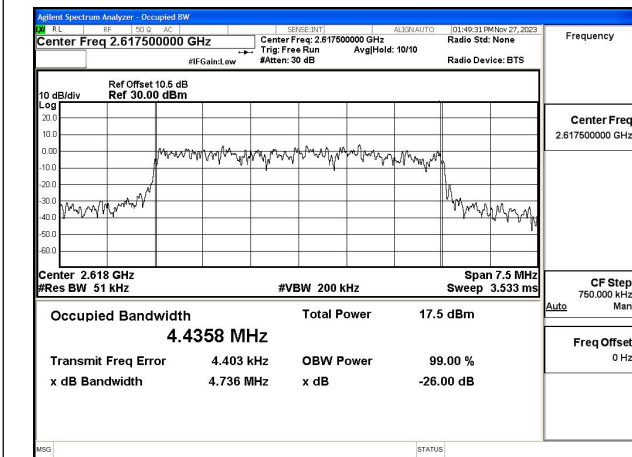


Fig.15

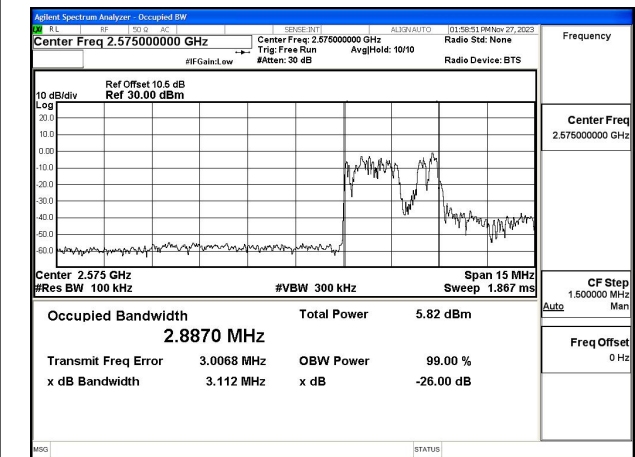


Fig.16

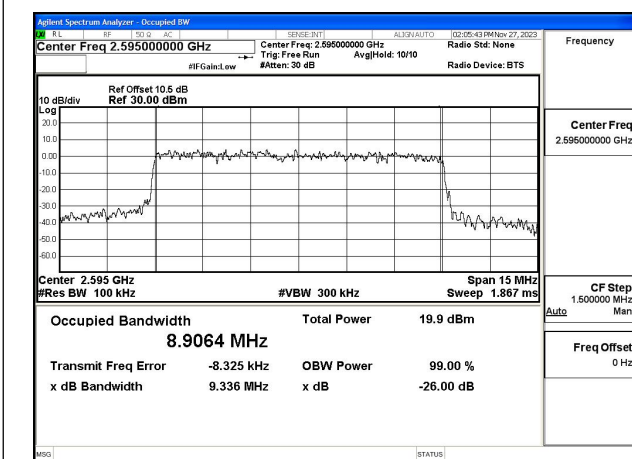


Fig.17

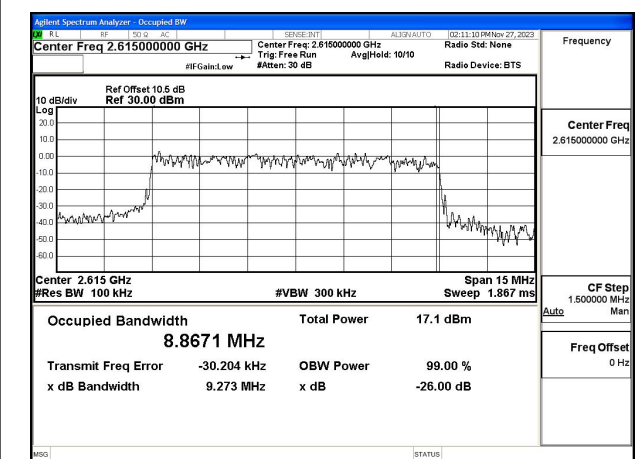


Fig.18

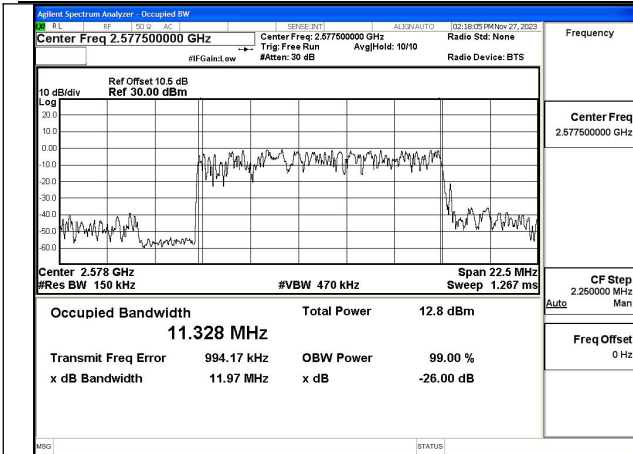


Fig.19

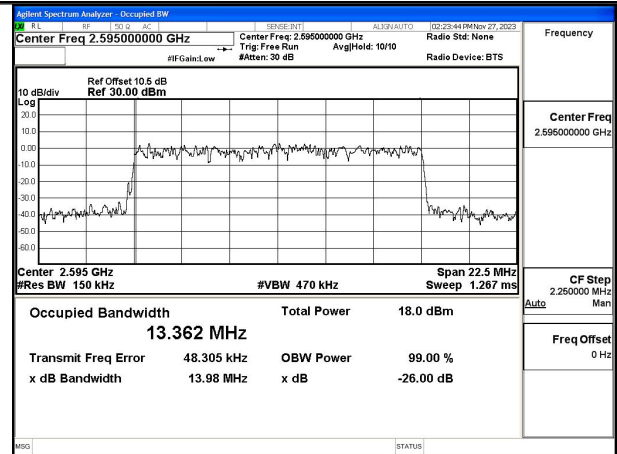


Fig.20

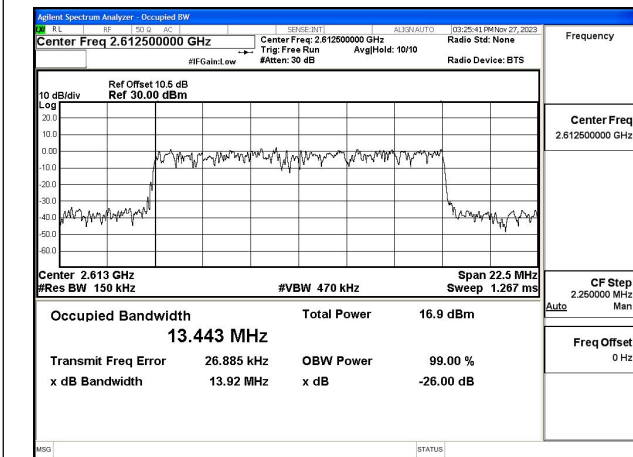


Fig.21

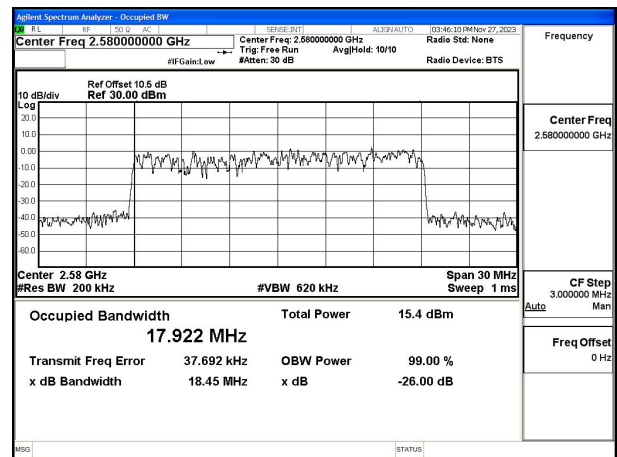


Fig.22

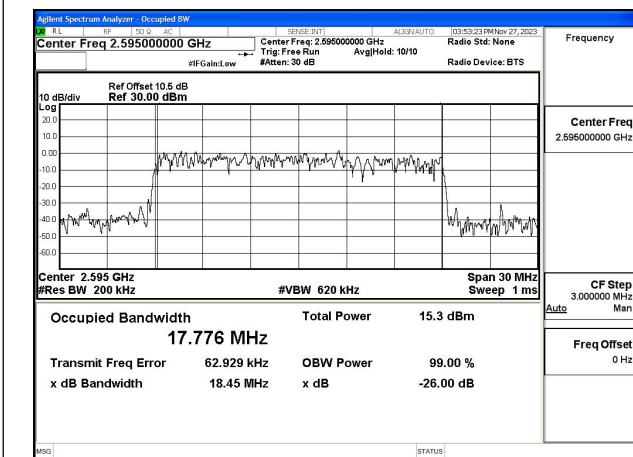


Fig.23

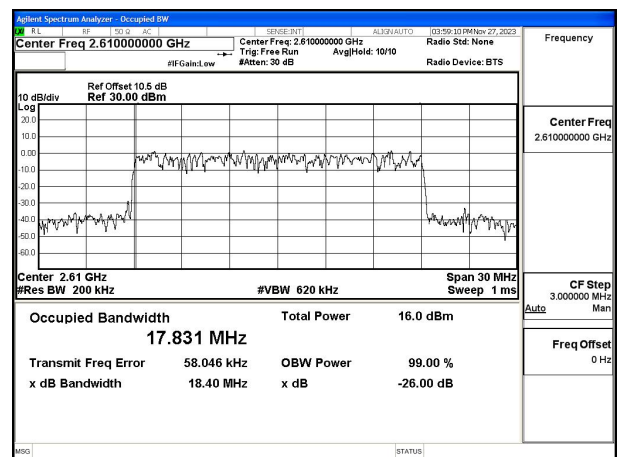


Fig.24

Test Mode: 64QAM

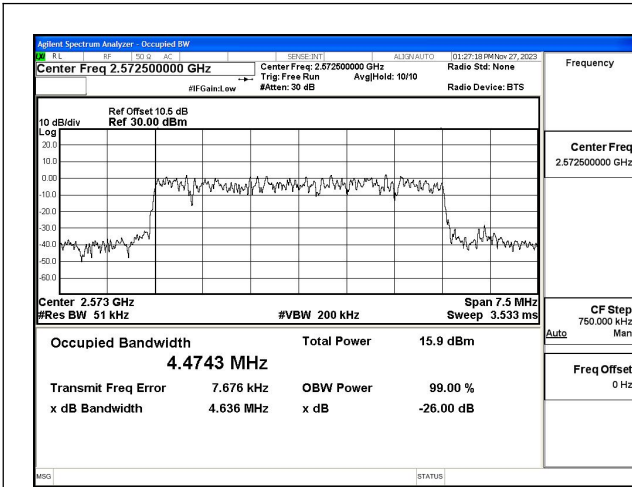


Fig.25

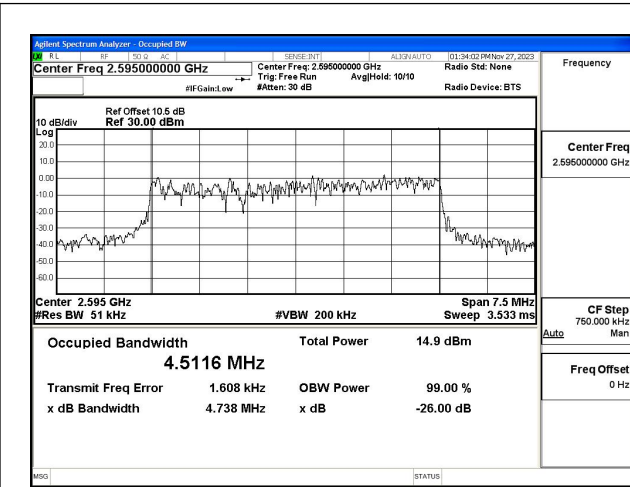


Fig.26

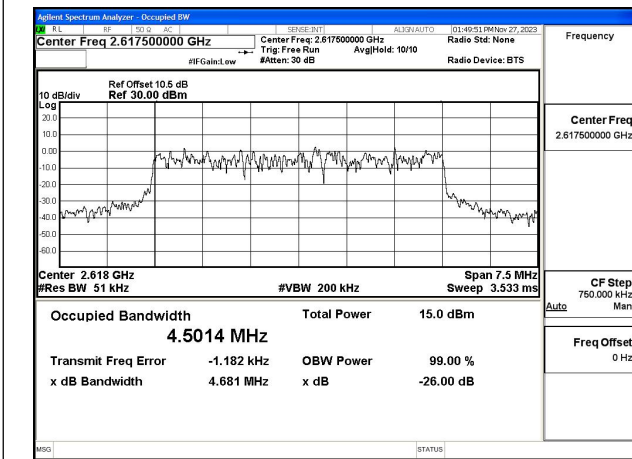


Fig.27

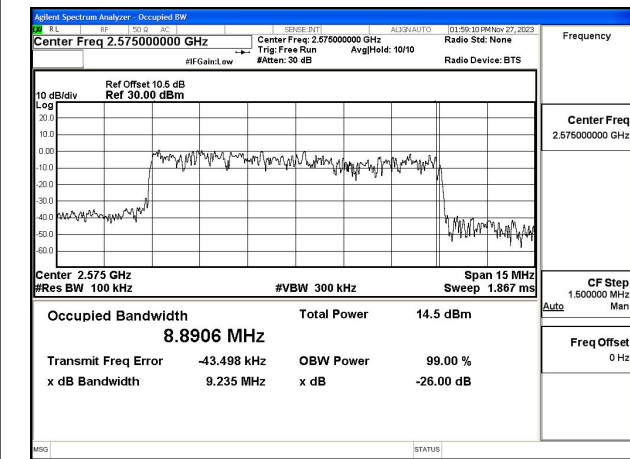


Fig.28

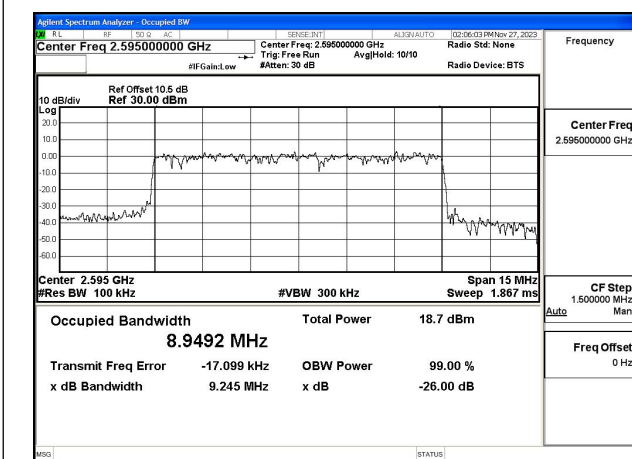


Fig.29

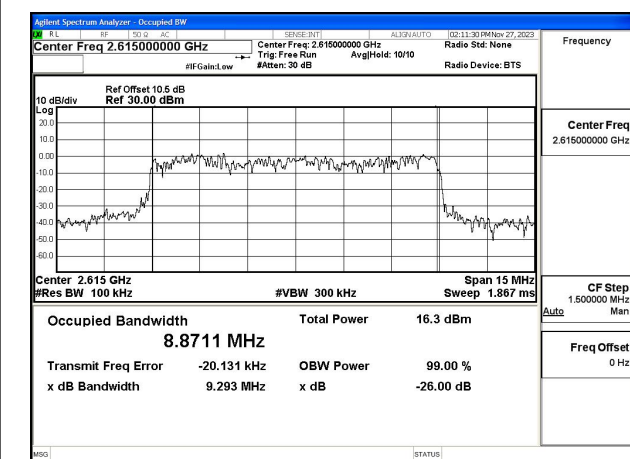


Fig.30

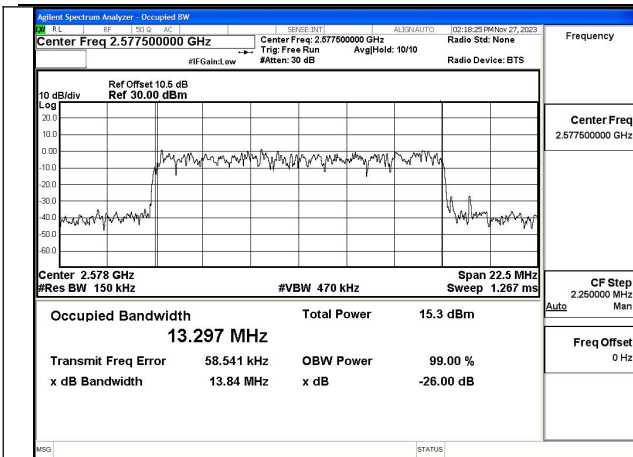


Fig.31

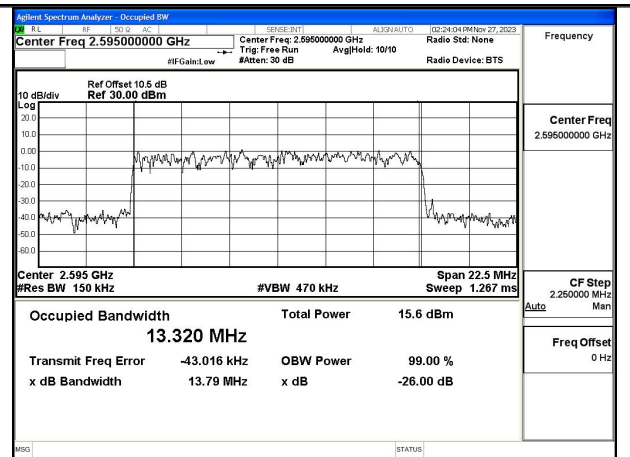


Fig.32

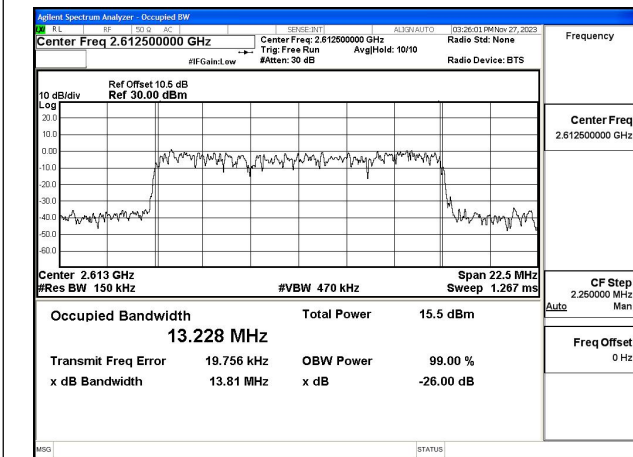


Fig.33

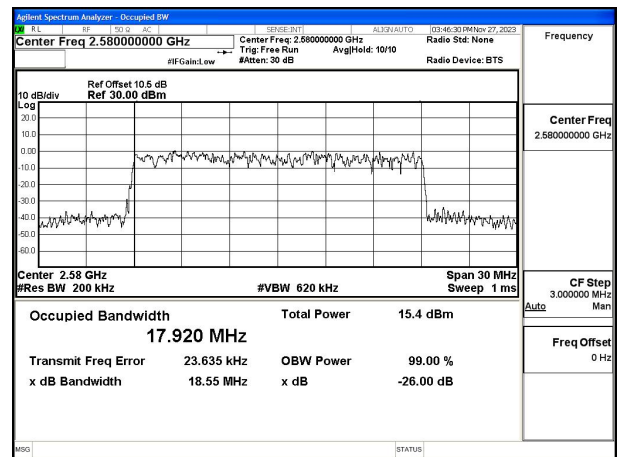


Fig.34

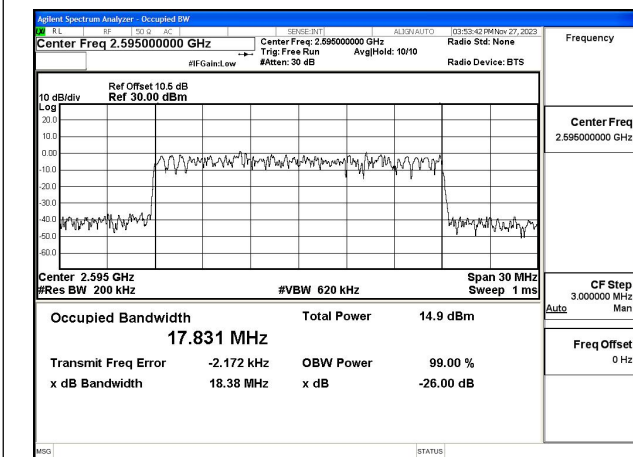


Fig.35

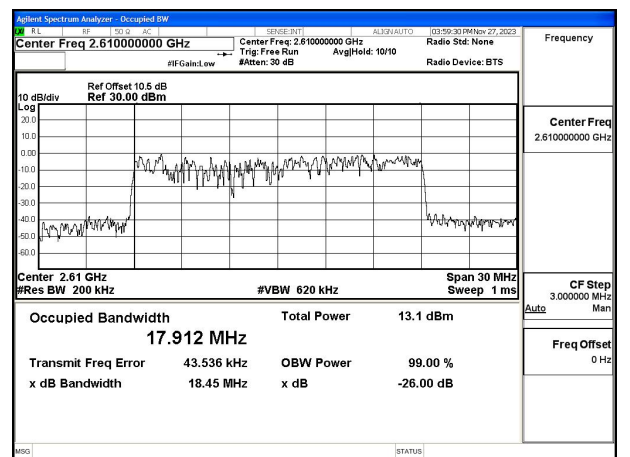


Fig.36

### 3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--|--------|
| 38   | QPSK | 2572.5                  | 37775   | 5        | 25      | 0         | 4.612                                      | Fig.1  |
| 38   | QPSK | 2595                    | 38000   | 5        | 25      | 0         | 4.617                                      | Fig.2  |
| 38   | QPSK | 2617.5                  | 38225   | 5        | 25      | 0         | 4.633                                      | Fig.3  |
| 38   | QPSK | 2575                    | 37800   | 10       | 50      | 0         | 9.305                                      | Fig.4  |
| 38   | QPSK | 2595                    | 38000   | 10       | 50      | 0         | 9.286                                      | Fig.5  |
| 38   | QPSK | 2615                    | 38200   | 10       | 50      | 0         | 8.112                                      | Fig.6  |
| 38   | QPSK | 2577.5                  | 37825   | 15       | 75      | 0         | 13.831                                     | Fig.7  |
| 38   | QPSK | 2595                    | 38000   | 15       | 75      | 0         | 13.927                                     | Fig.8  |
| 38   | QPSK | 2612.5                  | 38175   | 15       | 75      | 0         | 13.754                                     | Fig.9  |
| 38   | QPSK | 2580                    | 37850   | 20       | 100     | 0         | 18.449                                     | Fig.10 |
| 38   | QPSK | 2595                    | 38000   | 20       | 100     | 0         | 18.537                                     | Fig.11 |
| 38   | QPSK | 2610                    | 38150   | 20       | 100     | 0         | 18.539                                     | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 38   | 16QAM | 2572.5                  | 37775   | 5        | 25      | 0         | 4.651                                      | Fig.13 |
| 38   | 16QAM | 2595                    | 38000   | 5        | 25      | 0         | 4.623                                      | Fig.14 |
| 38   | 16QAM | 2617.5                  | 38225   | 5        | 25      | 0         | 4.736                                      | Fig.15 |
| 38   | 16QAM | 2575                    | 37800   | 10       | 50      | 0         | 3.112                                      | Fig.16 |
| 38   | 16QAM | 2595                    | 38000   | 10       | 50      | 0         | 9.336                                      | Fig.17 |
| 38   | 16QAM | 2615                    | 38200   | 10       | 50      | 0         | 9.273                                      | Fig.18 |
| 38   | 16QAM | 2577.5                  | 37825   | 15       | 75      | 0         | 11.973                                     | Fig.19 |
| 38   | 16QAM | 2595                    | 38000   | 15       | 75      | 0         | 13.983                                     | Fig.20 |
| 38   | 16QAM | 2612.5                  | 38175   | 15       | 75      | 0         | 13.917                                     | Fig.21 |
| 38   | 16QAM | 2580                    | 37850   | 20       | 100     | 0         | 18.449                                     | Fig.22 |
| 38   | 16QAM | 2595                    | 38000   | 20       | 100     | 0         | 18.454                                     | Fig.23 |
| 38   | 16QAM | 2610                    | 38150   | 20       | 100     | 0         | 18.403                                     | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 38   | 64QAM | 2572.5                  | 37775   | 5        | 25      | 0         | 4.636                                      | Fig.25 |
| 38   | 64QAM | 2595                    | 38000   | 5        | 25      | 0         | 4.738                                      | Fig.26 |
| 38   | 64QAM | 2617.5                  | 38225   | 5        | 25      | 0         | 4.681                                      | Fig.27 |
| 38   | 64QAM | 2575                    | 37800   | 10       | 50      | 0         | 9.235                                      | Fig.28 |
| 38   | 64QAM | 2595                    | 38000   | 10       | 50      | 0         | 9.245                                      | Fig.29 |
| 38   | 64QAM | 2615                    | 38200   | 10       | 50      | 0         | 9.293                                      | Fig.30 |
| 38   | 64QAM | 2577.5                  | 37825   | 15       | 75      | 0         | 13.843                                     | Fig.31 |
| 38   | 64QAM | 2595                    | 38000   | 15       | 75      | 0         | 13.789                                     | Fig.32 |
| 38   | 64QAM | 2612.5                  | 38175   | 15       | 75      | 0         | 13.808                                     | Fig.33 |
| 38   | 64QAM | 2580                    | 37850   | 20       | 100     | 0         | 18.553                                     | Fig.34 |
| 38   | 64QAM | 2595                    | 38000   | 20       | 100     | 0         | 18.383                                     | Fig.35 |
| 38   | 64QAM | 2610                    | 38150   | 20       | 100     | 0         | 18.450                                     | Fig.36 |



Test Mode: QPSK

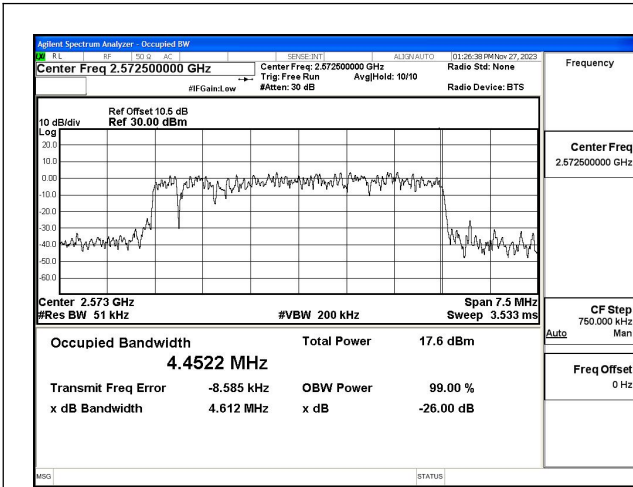


Fig.1

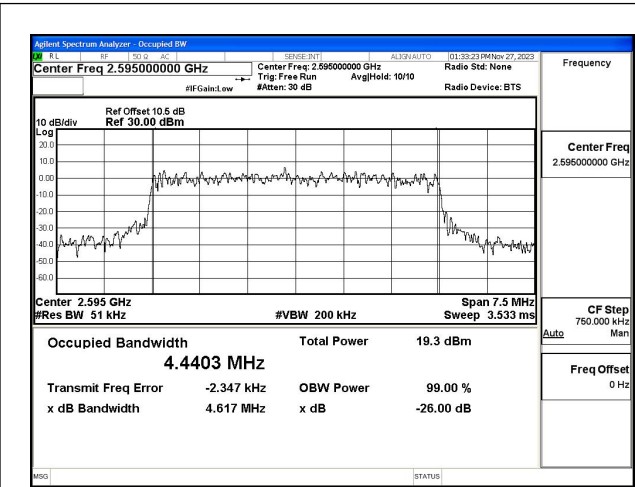


Fig.2

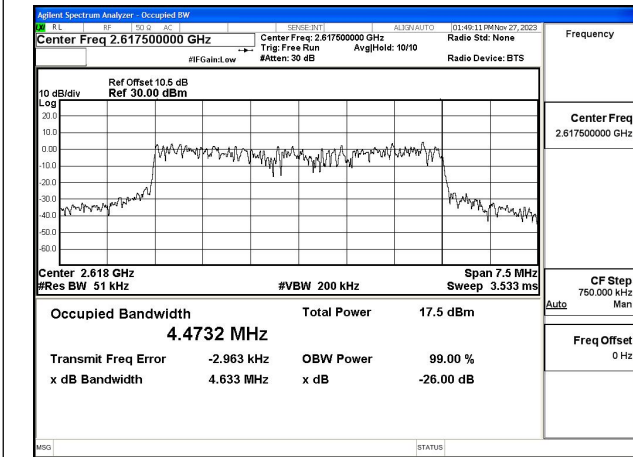


Fig.3

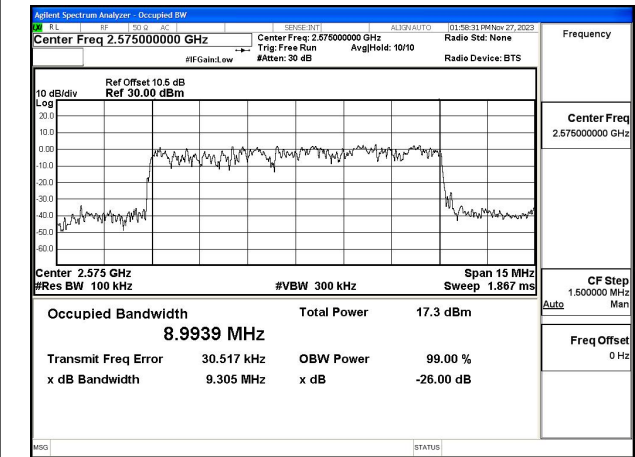


Fig.4

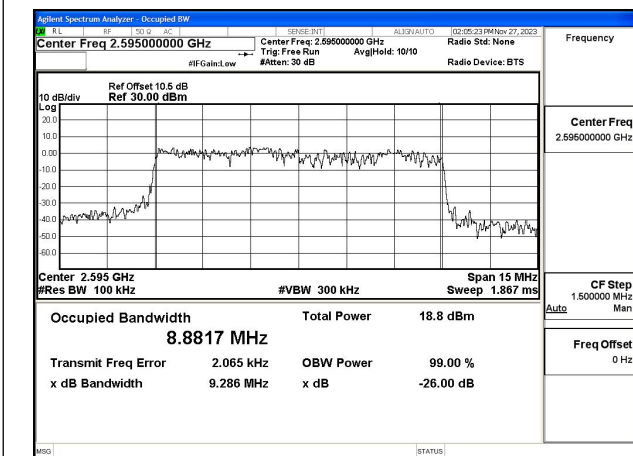


Fig.5

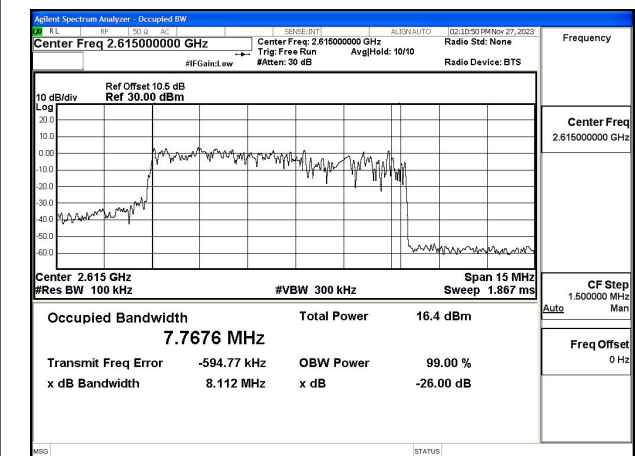


Fig.6

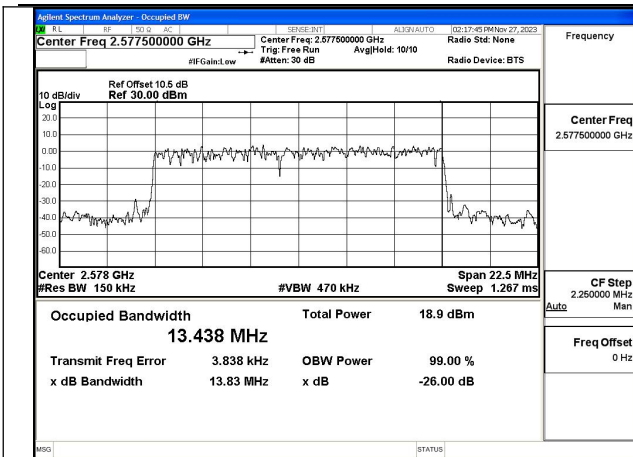


Fig.7

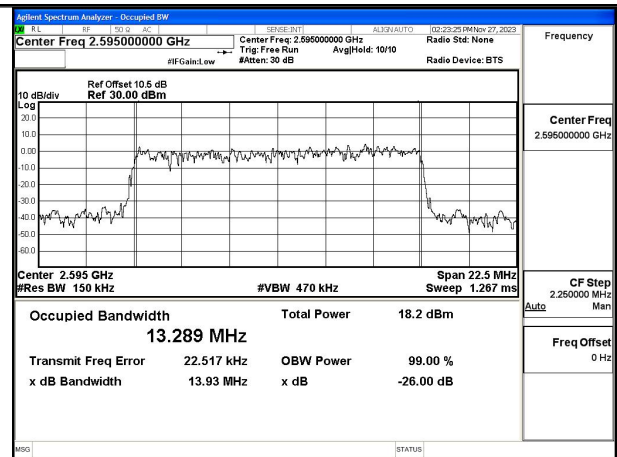


Fig.8

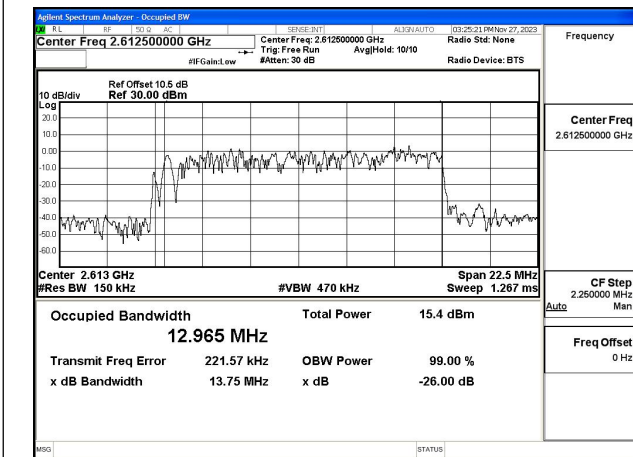


Fig.9

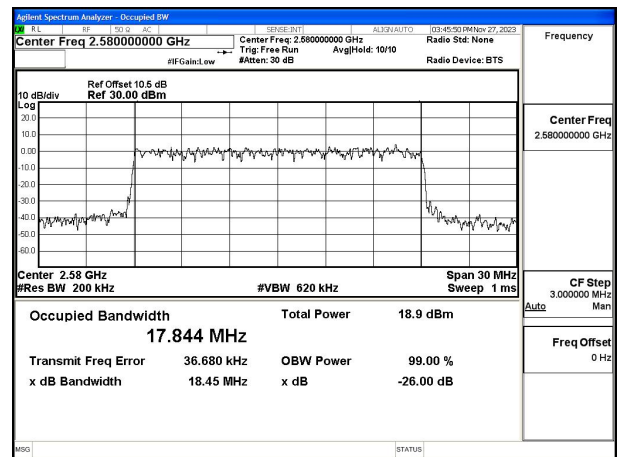


Fig.10

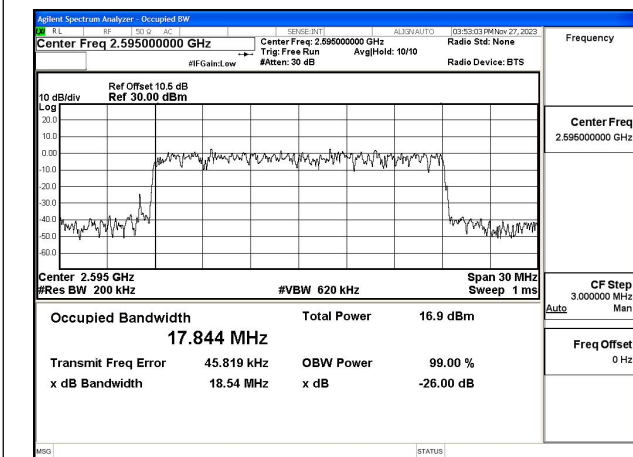


Fig.11

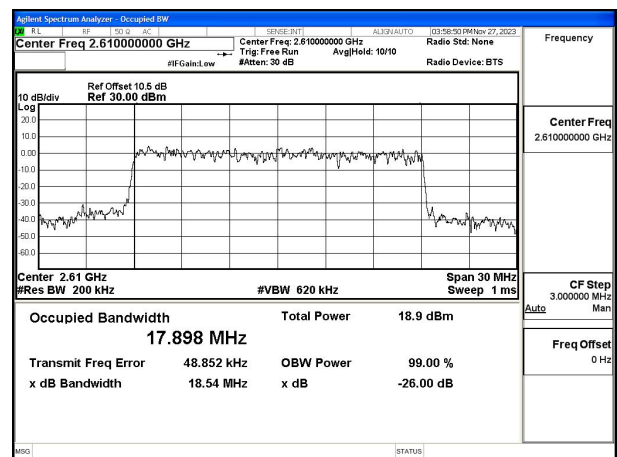


Fig.12